Record Group 104. Entry 28.

Assay of Nickel. 1867.

Digitized October 24, 2023, Philadelphia, Pennsylvania.

Box 10, Book 4, for 1867.

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RG 104 RECORDS OF THE BUREAU OF THE MINT

Records of the U.S. Mint at Philadelphia
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ASSAY WORKBOOKS, 1795-1905

Box 10 NC-152 Entry 20

HC1-80523408 10

WILLIAM MANN
Stationer
43 South 4th Street,
PHILADELPHIA.

Jany 8th 1867 20 Melts 5 et ingots
Nos 1 - 20 80.28
1420
1385 25.1 24.h
Jany 9th 22 Melts 21 42
1375 50.28
1370 25.4 24.9
4 casks of Nickel from
Joseph Wharton Nos 11-14
1920 53.37
1890 71.2

Jany 10th 23 Melts 43.65 (95.7)
1410
1390 25 24.5
Jany 11 - 24 Melts 66-89
1380 90
1340 24.h 24.1

Jany 12th 23 melts 90- 112

1405- (90)

1370 25.2 24.7

Jany 14 12 melts 113-124

1405 42.33

1375 25.2 24.7

Jany 15 24 Melts 125. 148

1350 (97)

1365 25 24.5

Jany 16th 28 melts 149-176

1400

1365 25 24.5

Jany 17 28 melts 177-204

1365 49-28

1350 25- 24.5

5 Casks of Nickel I..W

Nos 15-19 57-38

1955

1965 71-4 per ct

5 casks of Nickel Nos 20-24
from Joseph L Wharton

1915 61- 35

1885 70.6

Jan 7. 18th 26 Melts 205- 230

1350 55- 34

1340 24.6 24 2

Jan 19 27 Melts 231- 257

1370 65- 35

1355 24.9 24.4

Jan 21st 14 Melts 258- 271

1380 65- 35

1373 25 24.5

2 casks 5 Boxes of Nickel
from Jas L Wharton Nos 25. 31

1930 37-60

1875 70.

Jany 22d 27 Melts 272-298
1380
1368 25- 24.5
Jany 23d 27 Melts 299-325
1380 60-30
1360 25- 24-5
Jany 24th 32 melts 326-357
1348 58-35
1340 24.6 24.2
Jany 25th 28 Melts 358-385
1390 58-35
1373 25 24-7
4 casks of Nickel Nos 32-35
from Jas Whalan (32-48)
1895
1840 70 per ct
Jany 26 27 Melts 386-412
1385 58-35
1365 25- 24.5

Jan'y. 28th 14 melts 413- 426

1385- 58-35

1344 24.9 24.4

5 casks of Nickel Nos 36-40

from J. Wharton 35-47

1910

1848 70.7 per ct

Jan'y. 31 4 casks of Nickel

Nos 40-43 (duplicate-40) P.W. 44.34

1915-

1885- 70.3

Feb 4th 4 casks of Nickel

Nos 44-47 P.W. (41-42)

1915

1887 70.2 per ct

Feb'y. 5th 25 melts 427-481

1344 50-35

1345- 24-8 24.3

Feb 6th 20 Melk 452 - 471

1376 50-35

1345 24.8 24.3

Feb 7 22 Melk 472 - 493

1340

1320 24.3 rek 24.3

8th 19 melk 494 - 512

1340

1320 24.3 24.3

9th 18 melk 513 - 528

1350

1335 24.8 24.2

11th 11 Melk 529 - 539

1370

1350 24.9 24 4

12th 19 Melk 541 - 558

1410

1350 24.9 24.4

Feb 13th 23 melts 559 – 581

1345

1345 24.6 24.2

14th 27 melts 582 – 608

1360

1339 24.6 24.2

15th 28 melts 609 – 636

1305

1315 24.2 23.8

16th 20 melts 637 – 655

1315

1325 24.4 24

18th ~~1340~~ 13 melts 657 664

1340

1339 24.5 24.1

Feb 19th 35 melts 670 – 704

1396

1360 25.1 24.5

Feb 20th 35 melts 705 - 734

1390

1350 24.9

21st 35 melts 737 - 771

1320

1310 24.2 24

23d 33 melts 772 - 804

1320

1315 24.3 24

25th 21 melts 805 - 825

1345

1332 24.6 24.2

26th 35 melts 826 - 860

1340

1335 24.6 24.2

27th 34 melts 861 - 894

1345

1340 24.7

4 casks of Nickel from Joseph Wharton Nos 48-51

1940 (50.35)

1857 69.7

2 casks of Nickel Nos 52. 53

1980 (38-42)

1970 74.3 per ct

8 casks of Nickel J. Wharton Nos 54-61 (52.36,

1990

1957 73.4

Feb 26th 8 casks of Nickel Nos 62-69 from J. Wharton

2020 - 2030 74.95 (45-48)

1995 1985 74.86 74-75 per ct

Feby 28th 35 Wells 895-929

1380

1315

Mar 5 34 Melts 930 - 963

1340

1312 24.2

Mar 5th 5 boxes & 4 cask of nickel from P. Wharton

2025 48.41

1978 74.3

2030 1990

March 6 34 M 964 - 997

1348

1312 24.2

March 7th 30 Melts 998 - 1027

1350

1320 24.3

March 8th 29 melts 1028. 1056

1345

1310 24.2

Mar 9 29 Melts 1057 - 1085

60.35

1350 - 1320 24.3

March 11th 7 Casks of nickel
Nos 79 – 85 35.38
1960 1912 72.40
Mar 11 – 18 Melts 1085 – 1103
1380
1330 24.5
Re Assay of 7 Casks of Nickel
1960 45.38
1912
Mar 12 30 Melts 1104 – 1133
1374 Li 55
1350 24.7
Mar 13th 29 Melts 1134 – 1162
1650 13.50 52 – 32
1610 1345 24.7
Mar 14 30 Melts 1163 – 1192
1470 76 – 32
1412 25.8

Mar 15 34 Melts 1193 - 1224

1350 60 - 35

1322 24.3

Mar 16 35 Melts 1227 - 1261

1350 58

1350 24.8

March 18th 21 melts 1262 - 1282

1390 58

1358 24.9

Mar 18 5 casks of Nickel

Nos 86 - 91

1960 55 - 35

1935 72.6

1965 1932 72.45

Mar 19th 48 Nos 1283 - 1330

1400

1325 24.4

Mar 20 - 48 Melts 1331 - 1378

1400 1382

Mar 21st 47 lbs 1379 – 1425

1377 51 – 35

1352 24.8

22° 44 Melts 1426 – 1469

1395

1385 249

28° 48 Melts 1470 – 1517

1385

1350 24.8

25th 24 Melts 1518. 1541

1405 ho.

1375 25

7 Casks & 1 box of Nickel Nos

92 – 99 from J. Wharton

1950 46 – 30

1902 41 – 8

Second 1945 – 1900

26th ho lbs Bronze 469 – 528

Tin 2114 £ 125 Tin 3.14 – 154

27th Mar 64 Metals bronze 529-592

Tin 208 3.2

~~Tin 143-129~~ 2.0.2 Tin

Mar 28th 33 metals 1542 – 1574

1385 60

1352 24.7

Mar 29 33 Metals 1575 – 1607

1390

1353 24.7

30th 33 Metals 1608 – 1640

1400 60 – 40

1345 24.6

April 1st 23 Wts 1641 – 1663

1385 –

1352 24.6 24.6

Mar 30th 6 ecoks & 1 Box of

Nickel 100 – 106 50-42

71-7

1955 1970

1915 1935 Mean 72.1

April 2d 32 Wells 1664 – 1695

1405

1370 24.9

April 3 34 wells No 1694 – 1729

1395 60-40

1360 24.8

April 3 Sample of Cubical nickel from Belgium (

No 2000 M. Silex 43-40

2490 Si 89 Carbon 7

2472 Iron 38/12 Copper 38

Gl. heart Iron 27

2528 52 Manga 63

2447 44

89.95 90 per ct

April 4th 36 Wells 1730 – 1765

1380

1343 24.6

April 6th 1766 - 1798

1380 60 - 35 -

1368 24.9

April 6 33 Mls 1799 - 1831

1400 60 - 35 -

1356 24.8

April 8th 22 Mls 1832 - 1853

1385 60 - 35 -

1356 24.8

April 9 33 Mls 1854 - 1886

1400

1356 24.7

April 10 32 Mls 1887 - 1918

1405

1360 24.8

April 11 33 Mls 1919 - 1951

1380

1355 24.8

Reassay of Belgium Nickel

25 Silex 100

2490

April 9th 8 casks of Nickel

Nos 107- 114 I Thorton

1940 45.30 Cm 650 30 620

1885 71-2 per ct

April 12 33 Wells 1952 1984

1400

1370 25

April 13 27 Wells 1985 - 2011

1410 45 - 35

1383 25.2

April 15th 20 Wells 2012 - 2031

1430

1378 25

April 16th 2032-2059

1415

1375 25

April 17th 30 Mts 2060-2089

1415

1375 25

April 18th 30 Melts 2090-2122

1375

1350 24.7

April 19 2123 2155

1375

1345 24.5

April 20 33 Melts 2156-2188

1405 75 35

1380 25

April 22 22 Mts 2189-2210

1372

1348 24.4

7 Casks of Nickel Nos 115-121
from Wharton & Hutman

1995

Cu 595

1937 72.6 60-29

6 Boxes of Nickel marked
W. & Nos 1123-1128 from
Joseph Wharton

2122 Si 52-28

2090

Cop 348-

2311 63-33

2255 Mean 847

Sul 367

Coh 13.2 338

2290

2248

Direct-Iron. 2g
140
70

Refl-

April 20th 3 boxes of Nickel W87
Nos 1630-32-33 from Joseph Wharton

2475 2425 Cap 193

2425 2390 65.35

914 90.3 62.3

April 20 2 boxes of Nickel
Nos 1629 & 31 Cap 112

2545 65-35

2505 94.6 Mag Sample 95.1

April 25th 8 casks of Nickel
Nos 122-129 from Wharton & Co

1990 Cask 25

1937 72.08 65.41

April 29 8 casks of Nickel
from Jos Wharton 130-137

April 23 - 30 Melts 2211 - 2240

1375

1345 24.5

April 24 30 Melts 2241 - 2270

1375

1344 24.5

Apl. 25 29 Melts 2271 - 2299

1475 111 - 35

1415 24.9

26th 33 Melts 2300 - 2332

1475

1405 24.8

Apl - 27 32 Melts 2333 - 2364

1327 47.20

1295

Apr 29 29 melts 2365. 2384

1480 111 - 35

1415 24.9

April 30 – 30 Mells 2385 – 2414

1445

1400 24.6

May 1 30 Wt. 2415 – 2444

1415 24.9

May 2° 30 Mells 2445 – 2474

1410

1380 24.5

May 3 31 Wt. 2475 – 2505

1415

1415

May 7 39 2506 2544

1500 133 – 35

1430 24.9

May 8 359 Wt. 2545 – 2579

1480 – 1415 24.8 121 – 35

May 9 39 Mells 2580 – 2618

1475 1400 24.7

Charlons 8 Cask Nos 130-137
1945 Lm 23-- 43 L.
1915 724

10 boxes of Bar Nickel 138-147
2 Grms 1320 42.25
1293 4824
3 Grs 1951 43.31
1903 48.00
1 Box No 33
2530 2550 Silex 48 26
2488 2505 95.7 47.26
22
No 2510 2 boxes No 35.36
B+7 2580 2650
2554 2545 97 54
2 Boxes Grain Nickel
Loose & Casken
2420 2440 92.1 50. 23
2385 2415

8 Casks of cube Nickel from
Joseph Wharton & Co 148-155-
1945-
1890 71-6/2 per ct- Rept. May 9th
7 Casks & 1 box of cube Nickel
Nos 156-163 Joseph Wharton
2015 85-39
1956 72.1
2019 1011-39
1970 - 72.0

May 10 39 Wks 2619 - 2657

1440 120 38

1420 24.9

May 11 39 Wks 2658 - 2696

1500 124 29

1400 24.5

May 13 24 Wks 2697 - 2720

1475 109 - 30

1390 24.4 R 24.6

May 14. 34 Wks 2721 - 2756

1420

1378 24.6

May 15th 35 Wks 2757 - 2791

1425 113

1405 24.8

May 16 33 Wks 2792 - 2824

1425

1390 24.7

May 17 [illegible] 32 Mello 2825. 285 1/2

1425

1401 24.7

May 18 17 [illegible] N° 2857 - 73

1415 904 .. 30

1363

Reamay 1445 1380 2473

May 20 29 N° 2874 - 2900

1415 113. 30

1385 24.7

N° 1. 97 1460 120 30

1390 24.5

2 92.4 1410 110. 30

1370 24.3

21st 34 N° 2901 2934

N° 1 1390

2 1395 24.6

Combi 1425 111 - 30

1380 24.37

May 20th 8 casks of Cuba nickel
from Jas Wharton Nos 164- 171
2005 88.37
1972 72.6
2010 95=
1980 72.7
May 27th 8 casks of Nickel Nos
172- 179 from Joseph Wharton
2050 103- 32
2000 73-5/8
2045 87 33
1905 73-75
June 3 8 casks of Nickel Nos
180- 187
2175 114. 33
2110 77-22
2130 108- 33
2100 77.1

May 22d 47 Wells 2935 - 2981

1395 - 1390 113. 30

1345 1340 23.6

23d 41 2982 - 3022

1460 114 - 30

1410 24.6

Reassay of 2935. 2981

N°1 1430

1380 24.00

N°2 1425 - 1382 24 4

May 28th 42 wells 3023 - 3064

1450 118. 35

1407 24 7

May 29 40 Wells 3165 - 3104

1430 118. 35

1393 24-4

May 30th 37 Wells 3105 - 3141

1455 118.35

1413 24.7

May 31st 37 Melts. 3142 - 3178

1480 118 - 35

1443 25.3

June 1st 39 Melts 3179 - 3217

1475 120 - 35

1430 25.1

June 3 25 Melts 3218 - 3242

1495 120 - 35

1435 25.2

June 4th 36 Melts 3243 - 3278

1450 120 - 35

1405 24.6

June 5th 35 3279. 3313

2430

1400 24.5

June 6th 33 Mts 3314 - 3346

1420

1382 24.3

Some 7th 27 Melts 3347 – 3373

120 – 35

1470

1400 24.5

Some 8th 36 Melts 3374 3409

1460 129 – 35

1401 24.5

Some 10 24 Melts 3410 – 3433

1480

1425 24.9

Sample of Nickel N°. 20

2680 Manganese Silex 129

2507 89.3 Iron 241

Manganese 254

102

2% free metallic manganese 2510 2555

2645 2480 88.9 mean 89.1

Some 10th 8 casks of Nickel

N. 188. 195 from York Wharton &c

112 – 38

2145

2110 77.1

Seine 11th 18 3434 - 3451

1480

1405 24,5

Seine 12th 30 Mts. 3452 - 3481

1460

1415 24.8

Seine 13 30 Mètres 3482 - 3511

1485 131 - 35

1430 24.8

Seine 14 30 Mètres - 3512 - 3541

1460

1420 246

Seine 15th 31 Mètres 3542 - 3572

1430 125 - 35

1400 24.4

Seine 17 22. Mètres 3573 - 3594

1480 130 - 35

1425 24.7

June 17th 8 casks of Nickel
No 196 – 203 from Joseph Wharton

2160 108 40

2112 77.25 added to Nickel from the above the last washings became brown with Sul Hy – I am

June 18th 28 Melts 3595 – 3622

1455 140 – 35

1426 24.6 Re

June 19 32 Melts 3623 – 3654

1450 125 – 35

1400 24.5

June 20 30 Melts 3355 – 3684

1455 130 – 35

1415 24.6

June 21st 27 Melts 3685 – 3711

1475 130 – 35

1415 24.5

Bronze June 22 819- 83

Tin 260

Bronze 24th 884- 922

June 24 8 casks of Nickel
Nos 205- 212 from Joseph
Wharton 124. 43 167

2209

2122 77- lost

June 25 29 melts 3712- 3740

1450 130- 35

1400 24.3

June 26- 29 Mts 3741- 3769

1465-

1400 24.3

June 27 30 Mts 3770- 3799

1485

1415- 24.5-

June 28. 28 Melts 3860 - 3827

120 - 35

1430

1405 24.6

June 29 29 Mts 3828 - 3866

145 - 35

1485

1410 24.4

July 1st 26 Melts 3867 - 92

125 - 35

1485

1415 24.5

July 2. 39 Melts 3893 - 3931

1480

1420 24.6

July 3. 42 Melts Wt 3932 - 3973

137 - 39

1480

1450 24.9

July 5th 38 Melts Wt 3974 - 4011

135 - 45

1480

1427 24.5

July 1st 8 casks of Nickel
Nos 213 - 220 from Jos Wharton
2160 120 48
2112 76. 496 -

July 6th 40 Melts 4012 - 4051
1460
1415 24.4
July 8th 28 melts 4052 - 4079
1500 125. 45
1432 24. 6
July 8th 9 casks of Nickel
Nos 221 - 229 from Jos Wharton
2180 125 - 48
2123 76.75

July 9 38 Melts 4080 - 4117
1480 142 - 45
1450 24.80

July 10th 35 Melts 4118 - 4152

143 - 42

1470

1422 24.2

July 11th 34 Melts 4153 - 4186

38 - 41

1375

1342 24.1

July 12 33 Melts 4187 - 4219

1460

1412 24-1

July 13 35 Melts. 4220 - 4254

1440 127 - 42

1395 24.1

July. 15 31 Melts of Bronze

923 - 953. Tin 205 3.18

July 16 59 Melts Bronze 954. 1012

203 - 3.15

July 17 54 Melts Br. 1013 - 1066 -

Tin 200 3-16

Iron & Silver 22 June 148 2-02

July 18 35 Wells 4255 – 4290
1530 130 – 42
1410 24.4

July 19th 37 Wls 4291 – 4327
1537 195 – 30
1480 24.7

July 20th 41 Wls 4328 – 4368
1430 115 – 30
1400 24.7

July 22d 25 Wls 4369 – 4393
1480
1430 24.7

July 23d 43 Wls 4394 – 4435
1470 123 – 35
1405 24.5

July 24th 40 Wells 4436 – 4475
1445 107 = 35
1400 24.7

July 25th 36 Miles 4471 – 4571

1480 135. 35

1430 24.5

July 26 – 40 Mls 4512 4551

1485 125. 35

1400 24.4

July 27th 41 Mls 4552 – 4592

1500 120-35

1422 24.9

July 29 28 Mls 4593 – 4620

1497 121

1412 24.7

July 30th 21 Miles 4621 – 4641

1445 119. 38

1400 24.4

July 31st 20 Mls 4642 – 4661

1470 133 – 38

1428 24.7

Rep

Aug 1st 2100lbs 4662 - 4682

1460 124 - 46

1411 24.4

Aug 2d 2100lbs 4683 - 4703

1470 100. 37

1405 24.9 "

Aug 3 - 1800lbs 4704 - 4721

1440 102 37

1460 24.8

Aug 2d 4 Boxes of Nickel

Nos 25-27-28-29 Evans & Askenll

2650 Silex 22

2590 Li 102. XX 33

2700 Mean 96.4 112 . 32

2590

2630

Aug 3rd 25-

Aug 6th 11h 34m 4722. 4755

x1510 128 40

1438 25 per ct

Aug 7th 18 mls 475-b-477b

1490 13b

1415 24.4 Aug 7. 8

Aug 9th 37 4777 - 4813

1475 12b - 4b

1420 24 bb -

Aug 12th 44 IIIb 4814 - 4857

qd 10 Aug 115. 4a

1490

1415 - 24.8

Aug 12 38 Wells 4858 - 4898

13 33 " 4896 - 4928

bGm 1890 152. 42

1770 24.8

Aug 14th

Aug 15th 38 Melts 4929-4966

1461

1415 24.6

Aug 16th 22 Melts 4967-4988

1375

1350 25

Aug 19- 18 Melts 4989- 5006

1495 140 38

1455 25.1

Aug 22d 6 Boxes of Nickel

Nos 26-30-31-32, 33. 34 Evans &

Asken 2 Gms Silex 23 tins

~~XXXX~~ 82 +36

~~XXXX~~

2150 106 — 30

2585 96.45

~~XXXX~~

~~1111~~ 99

2680 98. 32

2582 9h. 48

2690 128. 32

2600 9h. 41

Assay of 4 boxes of Nixaxel
Nos 35. 36. 37-38 W. Evans &
Askel Sept. 3

2680 Silex 20
2602
2582 9h. 25- Iron N 36
Silex 118

Nos 1-2 III Evans & Asken

2652 Silex 31

2582 Carbon 17

Silex 110

95.8 Iron 36

Repeat No 1 Li 157

2700 L 43

2h45 9h.2

Sept. 24th 1867

Assay of 4 Boxes of Nickel

No. 41-2.3+4 Evans & Askin

2h55 126-34

2h20 9h.8

2700 145 32

2646 " "

3d Assay 2h50 120 34

2h20

9h-9

Oct. 3d 2 boxes of Nickel #10 duplicate 35

Evans & Askin No 12 35.+40

2h7 11 2h60 148.38 Si 20

2h32 2h20 122.38

9h.25 9h.7 9h.5

Oct. 14th

5 boxes of Nickel Ores

45-46-47-48-49 Evans & Ash

2670 124 Si 44 iron

2622 96.56 +42- 34

2710 96.66

2632

Oct 15th 39 Melts (Ni) 5007-5045

1460 148

1390 23.9 40

188

Oct 16 42 Melts 5046-5087

1575 155 - 35

35

1440 24.9 190

Oct 17th 42 melts 5088-5129

1500 148.

1450 24.7 45

193

Oct 18th 42 melts 5130-5171

1500 152 50

1445 24.5

Oct. 18th 74 Melts of Bronze
Mn 1067 - 1140 210 Tin 3.2 per
Oct. 14th 96 Mts 1141 - 1236
(high) Tin 282 - 1066 - 3.5
Zinc 142 - 2.05
14

Oct. 19 42 Mts 5172 - 5213
1490 Silenthum 190
1428 24.3
Oct 21st 28 melts 5214. 5241
1511 145 40
45
1455 24.9
Oct 22 42 Mts 5242 - 5283
1436 1470 120 - 43
1386 1427 24.8
Oct. 23 56 Mts 5284 - 5339
1495 120 - 43
1435 25
Experimental melt 1445 25.1 90 40 130
1407

Oct. 24th 40 mls 5340 – 5379

1450 110 40

1400 24.8

Oct. 25 40 Mls 5380 – 5421

1490 105 – 38

1410 24.9

Oct. 26 41 Mls 5422 – 5462

1440 125 – 42

1422 24.7

Oct. 28th 28 mells 5463. 5496

1445 100 – 40

1405 24.9

Oct. 29th 40 mells 5491 – 5530

1455 120 – 40

1435 25.1

Oct. 30th mells Mls 5531 – 5571

1455 110 – 40

1422 .4

25

Oct. 29

5 boxes of Nickel Evans & Ashe

N°. 3. 4. 5. 7. 8

2h20 87.3b 2h55 115.40

2h18 9b.2 2h05 9b.4

Oct. 31st. 42 Wks 5572 - 5613

1457 120 - 40

1420 24.8

Nov 1st 41 Wks N°. 5614 - 5654

1445 117 40

1420 24.7

Nov. 2 41 Wks N°. 5655 - 5695

1445 107 - 40

1400 24.8 125

Nov 4th 28 Wks N°. 5694 - 5723

1445 122 40

1400 24.4

Nov 5th 70 Melts of Bronze

Nos 1237 - 1306 Tin 195 - 31

Nov. 6 65 Melts Nos 1307 - 1371

Zinc 155 Tin 195 - 3
22 Zinc 2.1

Nov. 7th 40 Melts Nos 5724 - 5763

1445

1411

Nov 8 42 Melts Nos 5764 - 5805

1500 130 - 40

1462 25.2

Nov. 9 42 Melts. Nos 5801 - 5847

1455 115 - 34

1415 24.8

Nov. 11 28 Melts Nos 5848 - 5875

1480 118.

1425 24.9

Nov. 12th 41 Melts 5876 - 5916

1495 112 40

1425 25

Nov 13th 42 Mos Nos 5917- 5958

1480 123.40

1408 24.5

Nov 13 5 boxes Nos 5. 9. 11. 12. 13

XXXX 2690 112 2685 129

XXXX 2585 95.8 95.1 95.95 95.4 49

35 2805 178

Nov. 14 40 Mos Nos 5959-998

XXXX 95- 40

1429

1390 24.7

Nov. 15 40 Mos Nos 5999-6038

1465 127-40

1413 24.5

Nov 16 - 42 Mos Nos 6039-6080

1451 106-41

1405 24.8

Nov 18th 28 Mos Nos 6081 6108

1400 1480 90

1374 1405 24.6 115.40

Nov 19th 39 Melts Nos h109-h147

1480 150-46

1437 24.5

Nov 20th 1 box of Nickel No 10

~~AH~~ 2735 117 41

2107 96.36

Nov 20 42 melts Nos h148-h189

1475 117-46

1422 24.7

Nov 21 42 Melts Nos h190 h231

1475 117-46

1437 25-

Nov 22 42 Melts h232-h278

1435 112 45

1460 245

Nov 23 42 Mts Bronze 1308-1349

Tin 200

Nov 25 38 Mts 1370-1407

Tin 195

Nov 26 - 42 Melts Nº 6274 - 6315

1400 115

1375 24 52

Nov 27 40 Mlts Nº 6316 - 6356

1486 115

1370 23-9

Nov 29 39 melts - Nº 6357 - 6395

1412 115 = 30

1370 24 -

Nov 30 40 Mlts Nº 6396 - 6435

1490 145 30

1402 24.2

Dec 1 27 Mlts Nº 6436 - 6462

1440 126

1368 23-9

Dec 3 41 Mlts 6463 - 6503

1435 - 115 - 30

1388 24.5

Dec. 4th 42 Mts h504- h545

1465 124.30

1428 25.

Grains from Nickel ingots

1730 127.50

1672 29.5

Dec 5th 62 Melts Bronze

1408 — 1469 Tin 195

Dec 6 63 Mts 1470- 1532

Tin 193

7- 63 1533- 1595

Tin 202

9 39 1594- 1634

182

Dec. 10 42 Mts Nos h546- h587

1446 120- 30

1387 24.4

Dec. 11 42 Mts. Mo 1588-6629

1480.

1395 24.4

Dec. 12th 42 Mh 1630-1671

1476 129. 30

1400 24.5 2 Rest-

Dec. 13. 42- 1672-1713

1480 130- 30

1425- 24.8

Dec. 14th. 42 1714-1755

~~1440 es of Ms~~ 130- 30

1415 24-7

Dec. 16 27 Mts. 1756-1782

1500 132. 30

1430 24.8

Dec. 17. 42 M 1783-1824

1425 M.M 120- 30

1378 24.3

Boxes of Nickel Nº 14 15

16-17-18

2695 105- 32

2595 96-6

Returns

2650 113- 32

2590 96-2 96.4 Rep.

Nickel melted bobs 878

after Melting 852

2670 135- 40

2625 963 53- 2 96

2605 100 40

2560

2674 124- 42

2628 96-8

Dec! 18 42 Mts 6825 – 6866

1410 110 – 30

1370 24.4

Dec! 19. 41 Mts 6867 6907

1445 110 – 30

1400 24.8

Dec! 20 42 Mts 6908 – 6949

1485 137 –

1430 24.8

5 Boxes of Nickel N.o 19

19, 20 – 21 – 22, 23 Files 23

2640 I. 101 – 38

2578 95.9

2560 96.0 80 – 38

Dec! 21 41 Mts 6950 – 6990

1455

1380 24.4

Dec 23 28 Mts 6991 7018

1395

1370 24.5

Dec 24 42 Mts 7019 7060

1435 80. 30

1388 25

Dec 26 53 Mts 7061 - 7115

1422 85- 30

1390 25.1

Dec 27 55 Mts 7116 - 7170

1410 70. 30

1370 24.9

Dec 28 56 7171 - 7226

1400 80- 30

1365 24.7

Dec 30th 42 7227 - 7268

1410 82. 30

1375 24.9

Dec. 31st 91 Wells Bronze

1735 – 1725 192 2.9

Jan 2d 91 Wells 1726 – 1816.

207 E 3.74

A. G Page Clarksville Va

No 1 Grains in bottle Iron pyrites

No 2 Clay iron stone with pyrites

Lead (Galena)

480. 372.5

1 Sample of Nickel per W. Thatcher (Cubical)

2b15 Silex b2

2558 Si 10b-73

93.b Ni

3.0 Li

2.4 Iron

trace of Copper

Melter & Refiners grains
from Copper & Nickel melting
No 01-02 4 Grams Tin 65
5 Gr lost by melting under
carbon 1044
Ore of Nickel & 1155
1080

13.03 Nickel Iron 87
1.20 Tin Silver 165
2.36 iron

Lot No 2 No 3 = 48 (46 Melts
5 Grms loss 32 Tin & iron 60
1620 Iron 24 Tin 40
1455 Silver 177
165 - 3.7 iron 227

Lot No 3 4 Melts 49-52
no loss Tin 14
4 Grms Silver 120
1365 42/162
1333 23 per ct

No 4 8 melts of ingots

Tin 10

4 Grms. 1545 Iron 55

1472 150

24.9

1370 Li 140

1255 215

355

17.5 - 3.7

1390 Li 143

1250 18.0 196

339

Reporting 17.5

3.5

Re Assay of Nos 5.9 11 12-13

Mr Evans & Askew 130 48

2785 Two letters

2620 96.0

Whatton's Reasay N° 30 32 33

Copper Sul 160

2455 41 31

2403 91.11 wash 21

N° 29 & 31 41=35

2570

2494 95.1

N°33. 2580 26

2501 94.8 66 23

Repl 95½

Evans & Skin 29

2498 Cop. 2 per ct

2430 92 47 58.23

2480

2425 92 31 Repl 92 4

N°35:36 2585 58.22

2545 97= Repl 97

Grain from Nickel ingot.

melting 4 gr 89 50-88 iron

14.8

Sample of Nickel

2 Gm

2680

2507 Mangn 2.5

Iron 32

8

40.18

Mat- Iron 6 g

330

330 Copper-4 per c

21 h residue by. less fillin 12.13

11 Gm by fluxing 2.175

Copper from Virginia

pre from G & S.

Copper ox 1665 iron 15-50

65

16.00

8

57 12866

25.6

The precipitates copper sulphur
from Wharton's method N° 79-85
redissolved in precipitate with
sulfid hydric. the water from
the first precipitate with
Cu was boiled a very small piece
a brass collected in filter washed
dried burned off weight of Cu then
8 or 2 for 100 redissolved with
Acid Ammonia poured in a precip
hitate Iron & Aluminia the liquor
perfectly colorless shown it contain
fee from nickel

Nickel 787

Tin — 786.2

Zinc — 801.3

Iron 693.4

Cop — 198.3